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[12] 实用新型专利说明书

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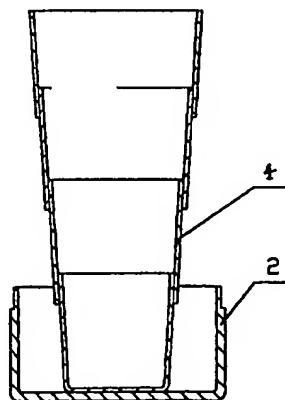
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[54] 实用新型名称 方便旅行杯

[57] 摘要

本实用新型公开了一种方便旅行杯,杯体固定在壳体中,杯体上 还套装有可以伸缩的套筒,壳体上还可以 加盖。本旅行杯体积小,便于携带,容积大,便于使用。



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权 利 要 求 书

1、方便旅行杯，包括一杯体（1），其特征在于：杯体（1）固定在壳体（2）中，杯体（1）上套装可以伸缩的套筒（4）。

2、根据权利要求1所述的方便旅行杯，其特征在于：杯体（1）的高度小于壳体（2）的深度，壳体（2）上带有盖（3）。

说明书

方便旅行杯

本实用新型涉及一种旅行杯。

现有的饮水用的杯子大体可以分为两类，一类是普通的在家里使用的杯子，结构比较简单；另一类是便于携带的旅行杯，通常都是设计成旅行保温瓶的瓶盖，一物两用。这种旅行杯体积较小，深度较浅，而且通常与保温瓶配合使用。

本实用新型的目的是提供一种大容量小体积、便于携带的旅行保温杯。

为达到上述目的，本实用新型采用如下的技术方案：

本实用新型所述的方便旅行杯的杯体固定在壳体中，杯体上套装可以伸缩的套筒。

作为对本实用新型的进一步改进，杯体的高度应小于壳体的深度，壳体上带有盖。

采用上述技术方案后，杯子的容积由杯体和套筒的高度决定，不用时可以将套筒缩进壳体中，此时杯子的体积较小，便于携带；使用时将套筒拉出，杯子具有较大的容积，便于使用。

下面结合附图和实施例进一步说明本实用新型：

图 1 是本实用新型一个实施例套筒伸出状态的剖视图；

图 2 是图 1 实施例的套筒缩进壳体中的剖视图；

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图3是图1实施例的带盖的剖视图。

如图1、图2、图3所示，本实用新型所述的方便旅行杯具有略带锥状、上大下小的杯体1，杯体1固定在壳体2中，杯体1上套装有可以伸缩的套筒4，壳体2上还带有盖3。

使用时，将套筒4拉出，套筒4与杯体1构成可以装水的容器，容积较大，若要得到更大的容积，可以增加套筒4的长度。用完后，将套筒4缩回到壳体1中，并盖上盖3，体积大大减小，便于携带。

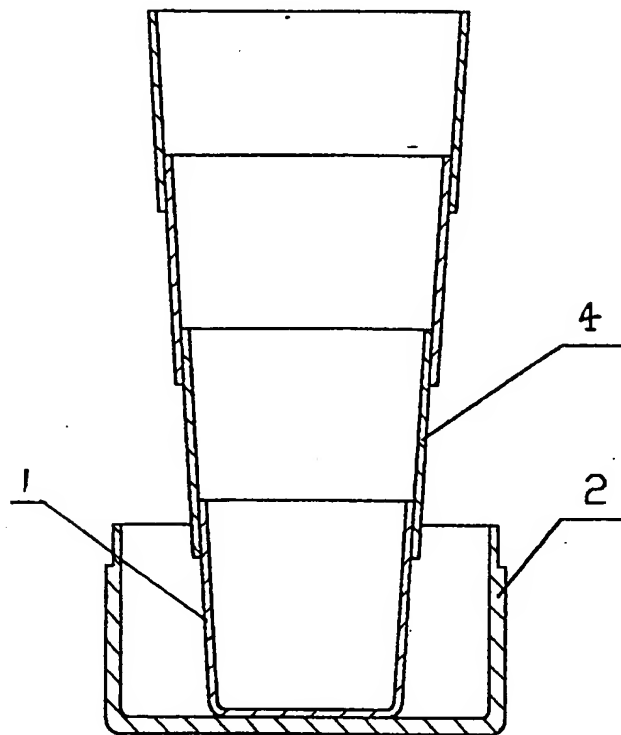


图1

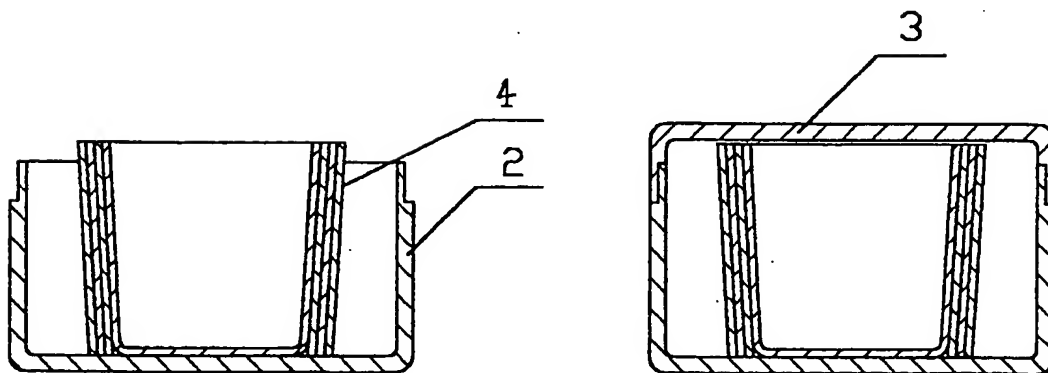


图2

图3

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[12] Utility Model Application

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[74] Patent Agency: Weifang City Patent Office

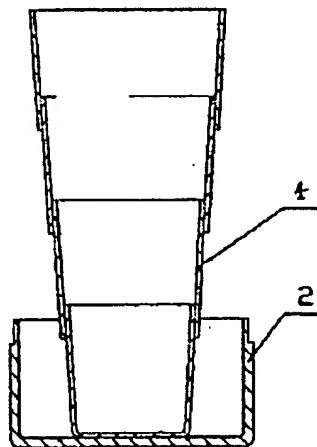
Patent Agent: Dai Wujun

1 Page of Claims, 2 page of Description
and 1 page of Drawings

[54] Title of the Invention: **A convenient travel cup**

[57] Abstract:

This utility model relates to a convenient travel cup, wherein the cup body is fixed inside a casing, an adjustable sleeve is attached to the cup body, and a cover can be added to the casing. The cup is small, making it convenient to carry, and has considerable holding capacity, making it convenient for use.



Claims

1. A convenient travel cup comprising a cup body (1), characterized in that the cup body (1) is fixed inside a casing (2), and an adjustable sleeve (4) is attached to the cup body (1).

2. The convenient travel cup according to Claim 1, characterized in that the height of the cup body (1) is smaller than the depth of the casing (2), and a cover (3) is attached to the casing (2).

Description

A CONVENIENT TRAVEL CUP

This utility model relates to a travel cup.

Currently, two types of cups are used for drinking. One is an ordinary type of cup that is used for drinking at home, which has a relatively simple structure, and another is a portable travel cup, which is used for keeping drinks warm during travels abroad. A portable travel cup usually has a smaller size and a smaller depth, and is often used as a thermoflask.

An object of this utility model is to provide a portable travel cup that has a small size and a big holding capacity, and can be used to keep drinks warm.

The object of this utility model is implemented in the following manner:

The cup body in this utility model is fixed inside a casing, an adjustable sleeve is attached to the cup body, and a cover can be added to the casing. As a further improvement to this utility model, the height of the cup body is smaller than the depth of the casing, and a cover is attached to the casing.

In this utility model, the holding capacity of the cup is determined by the cup body and the adjustable sleeve. When not in use, the sleeve is compressed into the casing, thus reducing the size of the cup and making it convenient for carrying. To use the cup, the sleeve is pulled out, thus giving the cup a bigger holding capacity and making it convenient to use.

A working example for this utility model is described in greater details below with reference to the attached diagrams.

Fig. 1 is a cross sectional diagram showing the sleeve in an extended state in a working example of this utility model.

Fig. 2 is a cross sectional diagram showing the sleeve in a compressed state in the working example in Fig. 1.

Fig. 3 is a cross sectional diagram for the working example in Fig. 1 with an attached cover.

It can be seen from Figs. 1, 2, and 3 that the convenient travel cup in this utility model comprises a cup body (1) that is larger at the top than at the bottom. The cup body (1) is fixed inside a casing (2), an adjustable sleeve (4) is attached to the cup body (1), and a cover (3) is attached to the casing (2).

To prepare for use, the sleeve (4) is pulled out, and then the cup body (1) and the sleeve (4) form a container that can be used to contain drinks. It has a relatively big holding capacity, and if there is a need to increase the holding capacity, the length of the sleeve (4) can be increased. After the cup has been used, the sleeve (4) is compressed into the casing (1),¹ and the cover (3) is fastened onto the casing, thereby reducing the size of the cup and making it convenient to carry.

¹ Translator's note: Possible typographical error for "casing (2)."

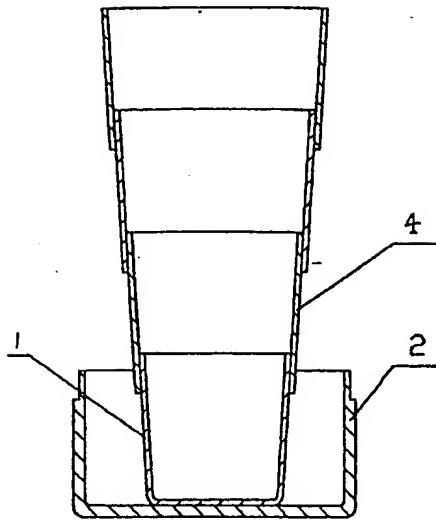


Figure 1

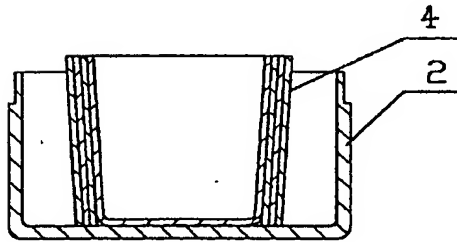


Figure 2

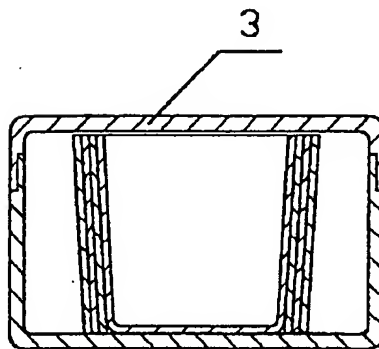


Figure 3